

WHAT IS CLAIMED IS:

1. A liquid crystal display device comprising:

a first substrate;

a second substrate;

5 a liquid crystal layer disposed between the first substrate and the second substrate; and

a plurality of pixel regions for display,

wherein each of the plurality of pixel regions includes a

transmission region for display in a transmission mode using light

10 entering through the first substrate and a reflection region for display in a reflection mode using light entering through the second substrate,

the first substrate includes, on a surface thereof facing

the liquid crystal layer, a transparent electrode region defining

15 the transmission region and a reflection electrode region defining the reflection region, each surface facing the liquid crystal layer of the transparent electrode region and the reflection electrode region of the first substrate being flat, and

the second substrate includes a light diffusion layer in

20 the reflection region and includes, on a surface thereof facing the liquid crystal layer, a transparent electrode in the reflection region and the transmission region, the surface thereof facing the liquid crystal layer being flat in the transmission region and the reflection region.

25 2. The liquid crystal display device of Claim 1,

wherein the second substrate includes the light diffusion layer in the transmission region.

3. The liquid crystal display device of Claim 1,
wherein the second substrate includes the light diffusion
5 layer in the reflection region alone.

4. The liquid crystal display device of Claim 1,
wherein the second substrate includes a transparent substrate, and the light diffusion layer is provided on a surface of the transparent substrate facing the liquid crystal layer.

10 5. The liquid crystal display device of Claim 1,
wherein the second substrate includes a transparent substrate, and the light diffusion layer is formed on a surface of the transparent substrate closer to an observer.

15 6. The liquid crystal display device of Claim 5, further comprising a polarizing plate provided on a surface of the second substrate closer to an observer,

wherein the light diffusion layer is provided between the transparent substrate and the polarizing plate.

20 7. The liquid crystal display device of Claim 6,
wherein the light diffusion layer functions as an adhesive layer for adhering the transparent substrate and the polarizing plate to each other.

25 8. The liquid crystal display device of Claim 1,
wherein the light diffusion layer contains a matrix material and particles having a refractive index different from that of

the matrix material.

9. The liquid crystal display device of Claim 1,
wherein the second substrate includes a transparent
substrate and a color filter layer, and
5 the color filter layer functions also as the light diffusion
layer.

10. The liquid crystal display device of Claim 1,
wherein the second substrate includes a plastic substrate,
the plastic substrate contains a matrix material and
10 particles having a refractive index different from that of the
matrix material, and
 the plastic substrate functions also as the light diffusion
layer.

11. The liquid crystal display device of Claim 1,
15 wherein a thickness of the liquid crystal layer in the
reflection region is about 1/2 of a thickness of the liquid crystal
layer in the transmission region.

12. The liquid crystal display device of Claim 1, further
comprising an anti-glare layer provided on a surface of the second
20 substrate closer to an observer.

13. The liquid crystal display device of Claim 12,
wherein the second substrate includes a transparent
substrate, and
 the light diffusion layer is provided between the transparent
25 substrate and the anti-glare layer.

14. The liquid crystal display device of Claim 13, further comprising a polarizing plate between the transparent substrate and the anti-glare layer,
wherein the light diffusion layer is provided between the
5 transparent substrate and the polarizing plate.

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